

REPORT OF CHANNEL CONDITIONS 100 TO 400 FEET WIDE (ER 1130-2-316)					Page 1 of 1		
					April 2002		
TO: Director of Public Works, City of Clearwater 901 Ponce de Leon Boulevard, Belleair, FL				FROM USACE. District Engineer Attn: CESAJ-CO-OM Jacksonville. Florida			
RIVER/HARBOR NAME AND STATE Clearwater Harbor, Pinellas Co., FL				MINIMUM DEPTHS IN EACH 1/4 WIDTH OF CHANNEL ENTERING FROM SEAWARD			
NAME OF CHANNEL	Date of Survey	AUTHORIZED PROJECT			Left Outside Quarter (feet)	Middle Half (feet)	Right Outside Quarter (feet)
		Width (feet)	Length (miles)	Depth (feet)			

Clearwater Pass Entrance Channel, Cut-A: from 1,060 feet (0.17nm) southeast of Green Light-1 to 150 feet east of Red Light-2	Apr-2002	150-250	0.47	10	11.4	11.3	11.4
Cuts AA & BB: from 150 feet east of Red Light-2 to the SR 699 Bridge	Apr-2002	100-250	1	10	8.4 (1)	9.1 (1)	9.5 (1)
Cuts BB & CC: from the State Road 699 Bridge to 550 feet south of Red Daybeacon-2	Apr-2002	100-250	0.2	8	9.5	9.4	8.8
Cut-DD: from 550 feet south of Red Daybeacon-2 to Green Light-3	Apr-2002	150-650	0.16	8	8.4	7.8	7.8
Inner Channel, Cut-D and Widener: from 250 feet east of Red Daybeacon- 2 to the intersection of the Intracoastal Waterway	Apr-2002	100-1100	0.6	8	4.0 (2)	7.1 (2)	7.3 (2)
Side Channel to the Clearwater Marina, Cuts DD & E: from Green Light-3 to Red Light-8	Apr-2002	100-200	0.2	8	8.3	7.7 (3)	8.1
Cuts-F thru H: from Red Light-8 to the west end of Marina Basin	Apr-2002	100-475	1	8	6.8 (4)	7.0 (4)	6.9 (4)

Remarks:

1. Spot shoaling located approximately 500 feet east of Red Light-4 and at 500 feet west of Red Light-8.
2. Spot shoaling located along the northern edge of channel, approximately 250 feet east of Red Daybeacon-2. Shoaling also located throughout widener approaching Intracoastal Waterway. Least depth is located along the northern edge of widener, 400 feet east of Green Daybeacon-19.
3. Minor spot shoaling located 150 feet east of Green Light-3.
4. Minor spot shoaling located along the western edge of channel from Green Light-7 to 300 feet north of Green Daybeacon-3. Shoaling also exists along the northern portion of channel from Red Light-10 and extending 400 feet. Shoaling located along the western end of Cut-H.